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PATENT
P03815US1
ISURF 2413

WD 1655
Boy 501
#170
12-16-00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: ROTHSCILD, et al. GROUP ART NO: 1655
SERIAL NO: 09/380,419 EXAMINER: Goldberg, J.
FILED: July 24, 2000
TITLE: MELANOCORTIN-4 RECEPTOR GENE AND USE AS A
GENETIC MARKER FOR FAT CONTENT, WEIGHT GAIN,
AND/OR FEED CONSUMPTION OF ANIMALS

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TRANSMITTAL LETTER

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To the Commissioner of Patents and Trademarks
Washington, D.C. 20231

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Dear Sir:

In response to the Notice to Comply with Sequence Rules dated October 31, 2000, Filing Date Granted, enclosed please find the following documents:

1. A copy of the Notice to Comply with Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures;
2. Computer readable copy of the "Sequence Listing";
3. Paper copy of "Sequence Listing";
4. Statement that the Content of the paper and computer readable copies are the same and include no new matter.

=====

CERTIFICATE OF MAILING (37 C.F.R. § 1.8(a))

I hereby certify that this Transmittal Letter is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231, this 30 day of November, 2000.

Date

Heidi S. Nebel

If any additional fees are needed, please charge
Deposit Account No. 26-0084.

Respectfully submitted,

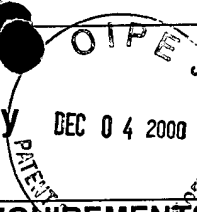
A handwritten signature in cursive script, appearing to read "Heidi Nebel".

Heidi S. Nebel,
Reg. No. 37,719
ZARLEY, McKEE, THOMTE, VOORHEES
& SEASE
ATTORNEYS OF RECORD

801 Grand - Suite 3200
Des Moines, Iowa 50309-2721
515-288-3667 - pw

Notice to Comply

DEC 04 2000



Application No.

09/380,419

Examiner

Jeanine Enewold Goldberg

Applicant(s)

ROTHSCHILD ET AL

Art Unit

1655

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NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES

Applicant must file the items indicated below within the time period set the Office action to which the Notice is attached to avoid abandonment under 35 U.S.C. § 133 (extensions of time may be obtained under the provisions of 37 CFR 1.136(a)).

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 C.F.R. 1.821 - 1.825 for the following reason(s):

- ☒ 1. This application clearly fails to comply with the requirements of 37 C.F.R. 1.821-1.825. Applicant's attention is directed to the final rulemaking notice published at 55 FR 18230 (May 1, 1990), and 1114 OG 29 (May 15, 1990). If the effective filing date is on or after July 1, 1998, see the final rulemaking notice published at 63 FR 29620 (June 1, 1998) and 1211 OG 82 (June 23, 1998).
- ☒ 2. This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 C.F.R. 1.821(c).
- ☒ 3. A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 C.F.R. 1.821(e).
- ☐ 4. A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked-up "Raw Sequence Listing."
- ☐ 5. The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A Substitute computer readable form must be submitted as required by 37 C.F.R. 1.825(d).
- ☐ 6. The paper copy of the "Sequence Listing" is not the same as the computer readable form of the "Sequence Listing" as required by 37 C.F.R. 1.821(e).
- ☐ 7. Other:

Applicant Must Provide:

- ☒ An initial or substitute computer readable form (CRF) copy of the "Sequence Listing".
- ☒ An initial or substitute paper copy of the "Sequence Listing", as well as an amendment directing its entry into the specification.
- ☒ A statement that the content of the paper and computer readable copies are the same and, where applicable, include no new matter, as required by 37 C.F.R. 1.821(e) or 1.821(f) or 1.821(g) or 1.825(b) or 1.825(d).

For questions regarding compliance to these requirements, please contact:

For Rules Interpretation, call (703) 308-4216

For CRF Submission Help, call (703) 308-4212

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